



VEXCON
CHEMICALS, INC.

Concrete solutions for architects, engineers and builders since 1974
888-839-2661 | sales@vexcon.com | 7240 State Road | Philadelphia, PA 19135 vexcon.com

Certi-Vex Waterproof Coatings - Surface Preparation and Application Guide

A. To Prepare for a successful project please read these notes carefully. If you have any questions please contact Vexcon technical service prior to starting your project.

1. Surfaces must be clean, use Certi-Vex Etch & Efflorescence Remover to remove all laitence, efflorescence, and contaminates and to etch the surface.
2. Material temperature, surface temperature and ambient temperature are all factors which must be considered when applying Certi-Vex Acrylic Coatings.
3. Minimum ambient temperature of application is listed on all product data sheets.
4. Surface temperature shall meet the following requirements:
 - a. Surface shall be free of frost, snow and ice.
 - b. Surface shall be below 90 F. for crack free application.
 - c. Surface shall be free of standing or running water from water sources such as uncompleted roofing, leaking scuppers, landscape spraying and other water sources. Surface may be damp, but not liquid wet.
5. Coating when adverse weather conditions are expected within 12 to 24 hours of application should be avoided when ever possible.
6. Do not apply at greater film thickness than recommended.
7. Give adequate dry time between coats to prevent trapping carrier solvent or water.

B. Hot Weather Guidelines

Hot weather painting practices should be strictly adhered to; i.e., paint on shady side of building. Paint early mornings and late afternoon, etc. not midday when sun is strongest, pre-dampen and cool surfaces prior to painting. Use thinner coats in hot weather to minimize shrinkage.

CAST IN PLACE CONCRETE / TILT UP CONCRETE

1. Form release materials and bond breakers must be removed prior to application.
2. All lift holes, tie holes, bug holes, rock pockets, and other voids must be patched prior to application.
3. Curing compounds and other coating materials must be removed.
4. All formed concrete and tilt surfaces that are to be coated must be checked for water beading. The surface should be misted with water. If the water beads rather than penetrate into the surface the surface must be cleaned to remove form oil or bond breaker residue. Chemical cleaning is required. Power wash alone is not sufficient.

CONCRETE BLOCK / SPLIT FACE BLOCK

1. All joints shall be caulked and sealed prior to painting.
2. Split face block shall be coated with an application of Certi-Vex Block Fill to insure that the split face block has a uniform surface density for best performance of Certi-Vex Acrylic Coatings.
3. Regular concrete block shall should be clean and free of all mortar markings, efflorescence and contaminates.

STUCCO / EIFS FINISHES

All stucco and EIFS surfaces shall be free of dust, dirt, rust, contaminates and all joints shall be caulked and sealed.

Note: EnvioSmooth Emulsion products must be used on EIFS Systems. Do not use Envio Smooth VOC.